

INTERNATIONAL SEARCH REPORT

International Application No
PCT/FR2005/050080

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01M17/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 483 744 A (GOLDBERG SIDNEY L) 16 December 1969 (1969-12-16) column 1, line 56 - column 2, line 12; figures 1,4	1,21
A	US 4 238 954 A (LANGER WILLIAM J) 16 December 1980 (1980-12-16) cited in the application abstract column 2, line 38 - column 3, line 15	1,21
A	US 3 977 243 A (AONO SATORU ET AL) 31 August 1976 (1976-08-31) abstract; claim 1; figure 1	1,21

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

24 May 2005

Date of mailing of the international search report

10/06/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Trique, M

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/FR2005/050080

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3483744	A	16-12-1969	NONE	
US 4238954	A	16-12-1980	DE 3007362 A1	18-09-1980
			GB 2042431 A ,B	24-09-1980
			GB 2069944 A ,B	03-09-1981
			JP 1715352 C	27-11-1992
			JP 3072942 B	20-11-1991
			JP 55124041 A	24-09-1980
			US 4344324 A	17-08-1982
US 3977243	A	31-08-1976	JP 892418 C	24-12-1977
			JP 51016501 A	09-02-1976
			JP 52014485 B	22-04-1977